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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.:	09800240-0078
First Named Inventor:	Yi Lu
Title:	NUCLEIC ACID ENZYME BIOSENSORS FOR IONS
Express Mail Label No.	EV 332954378 US
Date of Deposit:	November , 2003

10/07/2003 U.S.P.T.O.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. This Form includes the Fee Transmittal (See Box 19)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status. (See 37 CFR 1.27)
3. Specification [Total Pages 47]
4. Drawing(s) (35 USC 113) [Total Sheets 11]
5. Declaration and Power of Attorney [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate

ADDRESS TO: MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

8. Nucleotide and/or Amino Acid Sequence Submission
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R in duplicate; or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
15. Certified copy of _____ Priority Document:
Document No. _____, filed on _____
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application no.: 09/605,558
Prior application information: Examiner Name: Mary M. Schmidt Group Art Unit: 1635

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. FEE CALCULATIONS:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE \$385.00
	TOTAL CLAIMS	10	0	\$9.00	0
	INDEPENDENT CLAIMS	7	4	\$43.00	172.00
	ANY MULTIPLE DEPENDENT CLAIMS?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	\$145.00	\$0
					SUBTOTAL
					\$557.00

- a. In connection with this application, the Commissioner is hereby authorized to credit overpayments or to charge any additional fee required to Deposit Account No. 19-3140. A **duplicate copy of this sheet is enclosed**.
b. The enclosed check in the amount of \$557.00 covers the total claim fee.

20. CUSTOMER NO. 26263

Dated: November 6, 2003

SIGNATURE

David E. Crawford, Reg. No. 38,118